Garnet
Garnet Global Training Center

GGT-CR-108

Corrosion, Coatings & Materials

Corrosion Under Insulation

التآكل تحت العزل

Duration	Language	Formats	Hours	Level
5 or 10 days	**English or Arabic**	**Classroom, online, in-house**	**35 / 70**	**Intermediate (practitioner)**

Overview

Corrosion Under Insulation focuses on how the work is actually done: the methods, checks and decisions practitioners use every day, illustrated with real cases from the region. Understand why materials fail and how to protect assets with the right materials, coatings and cathodic protection. You can join a public session in one of 20 cities or live online, in English or Arabic, or bring the course in-house with examples from your own operations.

What you will be able to do

- Apply the methods and standards of Corrosion Under Insulation to real tasks.
- Interpret data and results correctly and act on them.
- Follow safe, compliant and documented work practices.
- Avoid the mistakes that most often cause rework or failure.
- Share good practice with your team.

Who should attend

Corrosion, materials, integrity and coating engineers, inspectors and maintenance staff. Practitioners with one to five years of experience benefit most.

Key topics

- Corrosion mechanisms
- Materials selection
- Coatings and linings
- Cathodic protection
- Monitoring and inspection
- Failure analysis cases

Formats and fees

5-day classroom	**USD 4,750**
5-day online	**USD 2,950**
10-day classroom	**USD 8,950**
10-day online	**USD 5,450**
In-house	**Quotation per group**

Fees per participant, excluding VAT.

Register or ask

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Email: info@garnettrainings.com

Training: training@garnettrainings.com

Web: garnettrainings.com

Sharjah Publishing City Free Zone, Sharjah, UAE

Certificate

Participants who attend at least 90% of sessions and complete the final assessment receive a certificate of completion stating 35 contact hours (5-day) or 70 contact hours (10-day).

5-day outline

Day 1 Corrosion Under Insulation: principles and standards

- Monitoring and inspection
- Measurement and reporting

Day 2 Methods and tools in practice

- Failure analysis cases
- Corrosion mechanisms

Day 3 Diagnosis and problem solving

- Materials selection
- Hands-on workshop on a workplace challenge

Day 4 Quality, safety and documentation

- Coatings and linings
- Common mistakes and how to avoid them

Day 5 Workshop, assessment and action plan

- Cathodic protection
- Regional and international case studies

10-day outline

Day 1 Corrosion Under Insulation: principles and standards

- Monitoring and inspection
- Measurement and reporting

Day 2 Methods and tools in practice

- Failure analysis cases
- Corrosion mechanisms

Day 3 Diagnosis and problem solving

- Materials selection
- Hands-on workshop on a workplace challenge

Day 4 Quality, safety and documentation

- Coatings and linings
- Common mistakes and how to avoid them

Day 5 Workshop, assessment and action plan

- Cathodic protection
- Regional and international case studies

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Checklists and templates to take away

Day 7 Digital tools, data and automation

- Analysis tools and software
- Using AI in this field

Day 8 Benchmarking against international practice

- Global performance benchmarks
- Group discussion and peer review

Day 9 Capstone project

- Analyse a real challenge from your organisation
- Build the solution and implementation plan

Day 10 Presentations, final assessment and certificates

- Project presentations and review
- Final exam and certificate award

Schedule 2027–2030

Dates	Format	City	Language	Fee (USD)
10–21 Jan 2027	10-day classroom	Jeddah	English	8,950
14–18 Jun 2027	5-day online	Live online	English	2,950
19–23 Jul 2027	5-day classroom	London	English	4,750
4–8 Oct 2027	5-day classroom	Abu Dhabi	English	4,750
20–31 Mar 2028	10-day classroom	Amsterdam	English	8,950
1–5 May 2028	5-day classroom	Barcelona	English	4,750
16–20 Jul 2028	5-day classroom	Muscat	English	4,750
13–24 Nov 2028	10-day online	Live online	Arabic	5,450
5–9 Mar 2029	5-day classroom	Abu Dhabi	Arabic	4,750

Dates	Format	City	Language	Fee (USD)
1–12 Jul 2029	10-day classroom	Amman	Arabic	8,950
19–23 Nov 2029	5-day online	Live online	Arabic	2,950
17–21 Dec 2029	5-day classroom	Geneva	English	4,750
21 Jan – 1 Feb 2030	10-day online	Live online	Arabic	5,450
11–22 Feb 2030	10-day classroom	Vienna	English	8,950
13–17 May 2030	5-day classroom	Kuala Lumpur	English	4,750
4–8 Nov 2030	5-day classroom	Dubai	English	4,750

Customised and in-house versions of this course are available on request. garnettrainings.com/en/customise/